INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001490

		101/012	003/001430
A. CLASSIFIC Int.Cl	CATION OF SUBJECT MATTER B02C18/40		
According to Int	ternational Patent Classification (IPC) or to both national	classification and IPC	
B. FIELDS SE	ARCHED	· · · · · · · · · · · · · · · · · · ·	
Minimum docum Int.Cl	nentation searched (classification system followed by classification syste	assification symbols)	
Jitsuyo		nt that such documents are included in the roku Jitsuyo Shinan Koho tsuyo Shinan Toroku Koho	e fields searched 1994-2005 1996-2005
Electronic data b	base consulted during the international search (name of d	lats base and, where practicable, search to	rms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
Y A	JP 2001-121021 A (Toto Ltd.) 08 May, 2001 (08.05.01), (Family: none)		1,3-21 2
Y A	JP 2003-260380 A (Toto Ltd.) 16 September, 2003 (16.09.03) (Family: none)		1,3-21 2
Y A	JP 2001-224976 A (Kabushiki : Kogyo), 21 August, 2001 (21.08.01), (Family: none)	Kaisha Furomu	1,3-21 2
У А	JP 9-960 A (Japan Electronic 07 January, 1997 (07.01.97), (Family: none)	s Industry Ltd.),	1,3-21 2
× Further de	ocuments are listed in the continuation of Box C.	See patent family annex.	
Special cate A document d	egories of cited documents: defining the general state of the art which is not considered	"I later document published after the integrated and not in conflict with the applic	ation but cited to understand
to be of particular relevance "B" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
	al completion of the international search cruary, 2005 (17.02.05)	Date of mailing of the international sea 08 March, 2005 (08	
	ing address of the ISA/	Authorized officer	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001490

A.	CLASSIFICA	ATION OF SUBJECT MATTER
	Int.Cl7	B02C18/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ B02C18/00-18/44, E03C1/266

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho

1922-1996

Toroku Jitsuyo Shinan Koho

1994-2005

Kokai Jitsuyo Shinan Koho

1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2001-121021 A (Toto Ltd.), 08 May, 2001 (08.05.01), (Family: none)	1,3-21
Y A	JP 2003-260380 A (Toto Ltd.), 16 September, 2003 (16.09.03), (Family: none)	1,3-21 2
Y A	JP 2001-224976 A (Kabushiki Kaisha Furomu Kogyo), 21 August, 2001 (21.08.01), (Family: none)	1,3-21 2
Y A	JP 9-960 A (Japan Electronics Industry Ltd.), 07 January, 1997 (07.01.97), (Family: none)	1,3-21 2

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×	Further documents are listed in the continuation of Box C.		See patent family annex.
•	Special categories of cited documents:	<u>"T"</u>	later document published after the international filing date or priority
"A"	document defining the general state of the art which is not considered to be of particular relevance	•	date and not in conflict with the application but cited to understand the principle or theory underlying the invention
.B.	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone
	cited to establish the publication date of another citation or other special reason (as specified)	*Y*	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is
.0.	document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the		combined with one or more other such documents, such combination being obvious to a person skilled in the art
'	priority date claimed	"&"	document member of the same patent family
	·		
Date	of the actual completion of the international search	Dat	e of mailing of the international search report
1	17 February, 2005 (17.02.05)		08 March, 2005 (08.03.05)
Nam	e and mailing address of the ISA/	Aut	horized officer
[Japanese Patent Office		

INTERNATIONAL SEARCH REPORT

International application No.
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Connection	Clearly of the second might in the second many that	Dolor
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A	annexed to the request of Japanese Utility	2
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ī	Co., Ltd.),	14-21
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	(Family: none)	
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